

## CLAIMS

What is claimed is:

- 5 1. A computer system comprising:  
a processor for executing a program;  
a main memory for storing programs and data;  
a memory for storing a basic input / output system  
(BIOS), a first operating system, and at least  
10 one application program; and  
a hard disk for storing a second operating system;  
wherein when the computer system is turned on, the  
BIOS is loaded into the main memory to perform a  
system testing process, and then the computer  
15 system is capable of choosing to load the first  
operating system into the main memory so as to  
execute the application program stored in the  
memory or load the second operating system into the  
main memory so as to execute the second operating  
20 system, the first operating system being only  
capable of executing the application program  
stored in the memory.
- 25 2. The computer system of claim 1 wherein the memory  
is a flash memory for storing data required by the  
application program.
- 30 3. The computer system of claim 2 wherein when the  
computer system is executing the second operating  
system, the second operating system is capable of  
writing data into the flash memory or reading data  
from the flash memory.

4. The computer system of claim 1 wherein the memory is a read-only memory for storing data required by the application program.

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5. The computer system of claim 4 wherein when the computer system is executing the second operating system, the second operating system is capable of writing data into the read-only memory or reading data from the read-only memory.

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6. The computer system of claim 1 further comprising a switch for selecting the first operating system or the second operating system.

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7. The computer system of claim 1 further comprising an input device and a display device for displaying an image picture, wherein the application program is controlled by the input device and the display device.

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8. The computer system of claim 1 wherein the application program is a calendar, a phone book or a memorandum application program.

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9. The computer system of claim 1 wherein the main memory is a DRAM.